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No. 51] NEW DELHI, SATURDAY, DECEMBER 20, 1969 (AGRAHAYANA 29, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 20th December, 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

29th November 1969

- 124230. K. A. Patel. Improvement in or relating to substitute for hydrosulphite of soda or sodium-bi-sulphite formal-de-hyde sulphonylate or catelite hs.
- 124231. B. P. Pande. A device for automatic information to drivers, of hot axles in trains.
- 124232. Maschinenfabrik Rieter A. G. Spinning mill waste sacking and compressing device. (13th June 1969).
- 124233. National Distillers and Chemical Corporation. Process of preparing ethylene-vinyl acetate copolymers.
- 124234. Tecumseh Products Company. Improvements relating to motor-compressor units. (24th September 1969).
- 124235. R. B. Reinhall. Grinding apparatus.
- 124236. Kantor International S. A. Machine for the production of aerated beverages from prefabricated cartridges containing flavoring substances.
- 124237. Borgs Fabriks Aktiebolag Arresting device for aircraft.
- 124238. Borgs Fabriks Aktiebolag. Device for arresting of aircraft by combined type of arresting device.
- 124239. Ste Ame Tubest. Process and apparatus for producing by welding smooth tubes having thin or extra-thin walls and the products so obtained.

124240. Tenco Brooke Bond Limited. Instant tea composition and process for the preparation thereof. (22nd November 1967). [Divisional date 4th November 1968].

124241. Nippon Kokan, Kabushiki Kaisha. Method for rapid measurement of carbon content in molten steel.

1st December 1969

124242. O. J. F. Larsen. A method of protecting coasts with littoral drift.

124243. M. V. Shiddhaye, and S. M. Shiddhaye. An improved doughnut making machine.

124244. International Minerals & Chemical Corporation. A peanut yield increasing composition.

124245. General Electric Company. Protected semiconductor devices and processes for their fabrication.

124246. E. I. Du Pont De Nemours and Company. A coating composition of an acrylic oxazoline containing polymer and cellulose acetate butyrate. (2nd July 1969).

124247. Continental Oil Company. Process for desulfurizing coke.

124248. Dana Corporation. Constant velocity universal joint.

124249. M. A. Miniovich, A. L. Shneerson and V. A. Molchanov. Low-platinum catalyst for ammonia oxidation to nitric oxide.

124250. Sumitomo Chemical Company, Ltd. Herbicidal composition. [Addition to No. 112921].

124251. Imperial Chemical Industries of Australia and New Zealand Limited. An improved pump. (2nd December 1968).

124252. Mefina S A. System for adjusting the tension of the upper thread in a sewing machine.

124253. Imperial Chemical Industries Limited. Polymerisation process. (16th December 1968).

124254. Solvay Et Cie. Process for obtaining dichloroalkanes.
124255. Ciba Limited. New di-primary diamines containing a heterocyclic six-membered ring, processes for their manufacture and use.
124256. Ciba Limited. A method of selectively controlling undesirable plant growth.
124257. Sandoz Ltd. Improvements in or relating to organic compounds. (2nd December 1968).
124258. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Cardio-active oxido-cardadienolides or oxidobutadienolides and process for their manufacture.
124259. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Cardio-active oxido-bufadienolides and process for their manufacture.
124260. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Cardio-active oxido-bufadienolides and process for their manufacture.
124261. Glanzstoff A. G. Process for the production of artificial leather. (24th September 1969).
124262. U. S. Agrilite, Inc. Attractant for pink bollworm moths.
124263. American Optical Corporation. Method of making integral ophthalmic lens and product thereof.
124264. F. L. Smith & Co., A/S. Improvements to conveying and distributing device. (30th October 1967). [Addition to No. 117277]. [Divisional date 14th August 1968].
124265. N. V. Philips Gloeilampenfabrieken. Device for supplying a compressed medium.
124266. R. Krishnamurthy. Pressure reducing valve.
124267. Erich Klefer Lufttechnische Anlagen G.m.b.H. method and apparatus for drying slivers or the like.
124268. V. T. Sharma. Improved storage bin for food grains and other materials.
- 2nd December 1969
124269. Furnier-Und Sperrholzwerk J. F. Werz JR. K. G. Werzalit-Pressholzwerk Oberstenfeld. Method and apparatus for producing compression-molded articles.
124270. Furnier-Und Sperrholzwerk J. F. Werz JR. K. G. Werzalit-pressholzwerk Oberstenfeld. Method of molding coated articles of fibrous materials.
124271. Invag Aktiengesellschaft. Diazepine derivatives.
124272. Osoboe Konstruktorskoe Bjuro Ministerstva Geologii USSR. Radioisotope X-Ray fluorescence analyser for elementary analysis of rocks and ores *in situ*.
124273. Prerovske strojirny, narodni podnik. Arrangement for preheating of pulverulent materials.
124274. Steadman Industries Limited. Freight container transfer system. (10th December 1968).
124275. United States Atomic Energy Commission. Multistation single channel analytical photometer and method of use.
124276. Union Carbide Corporation. Ac gas shielded non-consumable electrode arc working.
124277. Associated Engineering Limited. Improvements in plasma guns. (12th December 1968).
124278. Klockner-Humboldt Deutz Aktiengesellschaft. Jarring installation for manufacturing large moulded carbon articles with a guided covering weight. (25th September 1969).
124279. Charles E. Frosst & Co. Stable composition of synthetic sodium estrone sulfate.
124280. A. I. Magnusson, R. B. Andersson, P. T. Marklund and S. M. Broddner. Rocket assisted projectile or gun boosted rocket with supported propellant charge.
124281. Mitsubishi Denki Kabushiki Kaisha. Power control system.
124282. Maschinenfabrik Rieter A. G. Double apron drafting device. (17th July 1969).
124283. Caterpillar Tractor Co. Inertia welder speed control device.
124284. H. H. Ward and I. M. Musson. Improvements in or relating to coin-actuated mechanisms.
- 3rd December 1969
124285. K. R. Subramanian. Tracing routes or fault on underground buried cables (cable fault tracer).
124286. B. J. Naik. Additions to a syringe.
124287. Joseph Lucas (Industries) Limited. Combined ignition switch and steering column lock assembly for a road vehicle. (6th December 1968).
124288. Joseph Lucas (Industries) Limited. Combined ignition switch and steering column lock assembly for a road vehicle. (6th December 1968).
124289. Joseph Lucas (Industries) Limited. Windscreen washer and wiper control system. (6th December 1968).
124290. Joseph Lucas (Industries) Limited. Contact breaker assemblies. (6th December 1968).
124291. Joseph Lucas (Industries) Limited. Battery charging systems. (6th December 1968).
124292. Joseph Lucas (Industries) Limited. Windscreen wiping systems for road vehicles. (6th December 1968).
124293. Joseph Lucas (Industries) Limited. Electrical switches. (6th December 1968).
124294. Tecalemit (Engineering) Limited. Improvements in lubricating apparatus and systems. (3rd December 1968). [Addition to No. 104217].
124295. Velcro France. Improvement to flexible bands fitted with hooks for fabrication of separable fastening devices.
124296. Veb Fotochemische Werke Berlin. Process for the pre-treatment of cellulose acetate foils. (27th August 1969).
124297. Aikoh Co., Limited. An agent and process for desulfurizing molten pig iron.
124298. Tanabe Sakyu Co. Ltd. Novel 6, 7-diacyloxy-tetrahydroisoquinoline compounds and the process for preparing the same.
124299. S. Misu. Vacuum bottle.
124300. Stone-Platt Crawley Limited. Improvements relating to the regulation of alternators. (2nd December 1968).
- 4th December 1969
124301. M. A. Khan. Aslam automatic air motor.
124302. J. R. Patel. Improvements in or relating to containers for dispensing of creams, pastes, liquids, powders or the like.
124303. T. U. Damayanthi. Improvements in or relating to cigarette packets.
124304. P. K. Rohatgi, A. K. Khare and P. K. Kelkar. Preparation of copper coated graphite particles and preparation of metal graphite composites from these particles by casting methods.
124305. P. K. Rohatgi, Subrate Ray and P. K. Kelkar. Preparation of an aluminum-alumina composite with improved properties by casting.
124306. A. K. Mohanty. A pressure transducer-cum-engine indicator for static and dynamic measurements and recording at high and low temperatures.
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124307. G. E. Lagstrom. An electric toilet.

124308. British Insulated Callender's Cables Limited. Improvements in or relating to insulated electric conductors. (9th December 1968).
124309. The Dunlop Company Limited. Woven articles. (12th December 1968).
124310. Dorr-Oliver Incorporated. Improvements in the production of sulphuric acid.
124311. Colgate-Palmolive Company. Dentifrice composition.
124312. R. A. Underhill. Chin-operated slide mechanism for the safety, comfort and efficiency of the welders helmet.
124313. Ciba Limited. Process for the manufacture of crystalline polyurethane plastic products based on diisocyanates and linear polyesters.
124314. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Racemate resolution.
124315. Deutsche Gold-und Silber-Scheideanstalt vormals Roessler. Vinylogous benzoyl amides which are substituted on the nitrogen by a phenyloxy-alkyl radical.
124316. Matsushita Electronics Corporation. Pressure sensitive semiconductor device.
124317. P. K. Sanghvi, K. S. Sanghvi, S. R. Sanghvi, V. B. Sanghvi, and M. B. Sanghvi. Pressure cookers.
- 5th December 1969
124318. D. S. Gill. A device operated by the weight of operator in the course of walking, used to spray fluids like insecticides etc.
124319. C. P. Muhammad. Opposed piston rotary combustion engine.
124320. K. K. Xavier. An improved single barrel breech loader (Shot gun).
124321. Universal Oil Products Company. Regeneration of deactivated catalyst containing a platinum group component and a sulfur component.
124322. Atlas Chemical Industries, Inc. Vinyl polymers and manufacture thereof.
124323. Shell Internationale Research Maatschappij N. V. A process for the production of dimethyl 1-methyl-2-(methyl-carbamoyl) vinyl phosphate.
124324. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. (20th December 1968). [Addition to No. 98802].
124325. Miles Laboratories, Inc. Direct agglutination immunological reagent.
124326. Landis Machine Company. Gear rolling.
124327. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dyestuff mixtures of water-insoluble disazo dyestuffs and process for their preparation.
124328. Siemens Aktiengesellschaft. Improvements in or relating to holding devices for electrical components. (2nd September 1969).
124329. S. N. Soroko and V. A. Vedenin. Method of producing nitric Acid.
124330. Casella Farbwerke Mainkur Aktiengesellschaft. Water-insoluble monoazo dyes and process for their manufacture.
124331. Nipkip. A method and electronic photometer for textile fabrics non-creasability measurements.
124332. Główny Instytut Górnictwa. Method of working coal in underground mines particularly for increasing the yield of coarse sizes, and apparatus for using this method.
124333. P. A. De Silva and N. K. Oswal. Improvements in or relating to filters.

Alteration of Date

117514. The claim to priority date 4th September 1967 has been abandoned and the application dated as of 2nd September 1968, the date of filing in India.

117515. The claim to priority date 4th September 1967 has been abandoned and the application dated as of 2nd September 1968, the date of filing in India.

123320. Ante-dated to 17th May 1968 under Section 5 of the Act.

118921. Priority date has been altered from 27th December 1967 to 11th January 1968.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

114173. I. L. Mehta. Shaped or raised belt and perforated pulley. Accepted on 25th October 1969.

The belt has along its middle spaced apart raised round parts to allow the pulley having spaced apart slightly, bigger round perforations to get around the raised parts of the belt.

114237. The Standard Batteries Limited. Improvements in or relating to a safety device for battery operated vehicles and the like. Accepted on 27th October 1969.

Consisting of an isolator switch having a fixed contact and a spring loaded movable contact carried in a switch box, and a spring loaded piston adapted to actuate the movable contact and adapted to be operated by the brake lever of the vehicle.

114539. Shell Internationale Research Maatschappij N. V. Process for the production of crimped threads or yarns and threads or yarns produced thereby. Accepted on 14th November 1969.

Poly pivalolactone yarns are crimped.

114613. American Cyanamid Company. Novel imino 1, 2, dithietanes and dithiocarbamate esters methods for their preparation and insecticidal compositions containing the same. Accepted on 20th November 1969.

Reacting equimolecular amounts of an isothiocyanate with an alkali metal hydrosulphide and the dithiocarbamate salt formed is reacted either with an alkylating agent or with methylene chloride or sulphate.

114786. V. K. Grover. Improvements in or relating to spectacle frames. Accepted on 29th November 1969.

Characterized in that a separate metal piece having a hole and lugs is punched out and the lugs are then fitted in holes formed in the slide arm and hammered at the outside so that the hinged portion functions as an integral part of the side arm in the case of the metal frame or is firmly secured to the slide arm if made of shell or plastic material.

114811. K. Sundararajan. Instantaneous isolating protector for phase failure. Accepted on 28th November 1969.

Comprising three capacitances connected in star and connected to the three terminals of a motor the neutral star point being connected to a terminal of a relay, to other terminal being connected to

earth and the no volt coil of the starter of the motor being connected in series to another two terminals of the relay.

114821. Air Reduction Company, Incorporated. Adhesive composition and process for bonding articles with same. Accepted on 1st December 1969.

Comprises a vinylacetate-ethylene copolymer and two different viscosity grade of polyvinyl alcohol.

114842. Commissariat A L'Energie Atomique. Magneto-meters comprising pairs of solutions having gyromagnetic properties. Accepted on 3rd December 1969.

Having a pair of solutions with gyromagnetic properties, comprising triacetoneamine nitroxide in two different solvents.

114852. R. Altieri. A machine for the automatic manufacture of compacted powder blocks. Accepted on 1st December 1969.

Characterized in that it includes in combination a frame supporting a table having an intermittent rotary movement, a set of interchangeable moulds or matrices mounted on said table and means for filling said matrices with a prefixed amount of powder, low pressure means for precompacting of said powder, high pressure means for deep compacting pre-compacted powder, and removal means for ejecting the compacted block and transfer means for transferring the ejected blocks to a conveyor.

114866. Ascu Hickson Ltd. Prefabricated structure such as for residential purposes and a method of constructing the same. Accepted on 2nd December 1969.

Comprising a chassis, a floor mounted on it, side panels detachably fixed to the floor, front and rear panels detachably mounted on the floor, the side panels being detachably fixed to the front and rear panels and a floor mounted over the top of the said panels.

114919. Dr. Beck & Co., Ag. Process for the production of polyhydantoins. Accepted on 4th December 1969.

Characterised in that polyureas are reacted with haloacetic acid or its derivative using a known inert organic solvent or dispersion agent for the polyureas at temperature between room temperature and boiling point of the solvent.

114953. P. R. Phatak. A mechanism for converting one rotary motion in to one or more regulated concentric rotary motions of variable angular velocities. Accepted on 4th December 1969.

Characterized by the fact that such guided linkage and such points provide a periodic and relatively varying angular velocities to the output mechanisms which are mechanically coupled individually at these points.

114965. "Metapic" S. A., Holding Luxembourgeoise. Improvements in or relating to weft thread suction devices in looms. Accepted on 28th November 1969.

Comprises essentially providing the inlet of the suction chamber under the form of a simple opening disposed at a level higher than that of the bottom of the chamber.

114964. "Metapic" S. A., Holding Luxembourgeoise. Weft thread dividing device for looms. Accepted on 28th November 1969.

Comprises substantially the combination of thread like supports disposed transversely to the shuttle track between the drop box and the fabric and means for angularly shifting the said thread-like supports, the device shifting angularly the thread-like supports is permanently disposed beyond the comb.

115107. Karl Fischer Apparate— u. Rohrleitungsbau châtillon societa Anonima Italiana Per Le Fibre Tessili Artificiali S.P.A. Method and apparatus for the continuous polycondensation and polymerisation of monomers. Accepted on 2nd December 1969.

Apparatus and method for the continuous polycondensation of bis-terephthalate using at least one vertically positioned cylindrical vessel characterised in that the cylinder of the reactor and the cupola of the reactor have different temperature.

115108. Institut Elektrosvarki Imeni E. O. Patona and Vsesojuzny Nauchno-Issledovatel'sky Institut Elektrotermicheskogo Oborudovaniya. A multiple-electrode installation. Accepted on 3rd December 1969.

The other end of the equalising current conductor is connected to the point of half voltage of said power source.

115226. Norton Company. Joint for materials particularly belts. Accepted on 3rd December 1969.

In which at the point of abutment there is a zone of varying density which decreases from a density of the upper surface of the material greater than the compressible material to the density of the compressible material at the lower portion of the zone.

115338. Eli Lilly and Company. A novel herbicidal composition. Accepted on 2nd December 1969.

Which comprises a dinitroaniline and a substituted halophenoxyalkanoic acid or carboxyl derivative thereof.

115450. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Improvements in zinc blast furnaces. (25th April, 1967). Accepted on 3rd December 1969.

Passing the gases through a dry cross-over duct and spraying a liquid into the scrubbing tower so that the gases initially come into contact with the liquid space.

115549. Bengal Coal Company Limited. Means for conveying coal or the like material from a higher to a lower level. Accepted on 4th December 1969.

A hopper or a door is hinged to the lower end of the discharge chute and which can be mechanically or manually operated to release the material at a desired rate.

115559. The Dunlop Company Limited. Improvements in or relating to polymer compositions. (22nd April 1967). Accepted on 2nd December 1969.

Reacting an elastomeric polymer with a tertiary diamine complex of an organolithium compound and then grafting out the metallated elastomeric polymer.

115619. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of azodicarbonamide. (25th July 1967). Accepted on 28th November 1969.

Using chlorine diluted with gas inert under reaction conditions for oxidation of hydrazodicarbonamide.

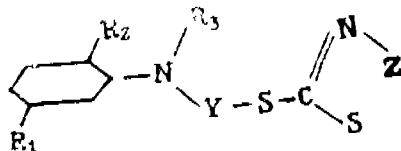
115774. General Electric Company. Improvements in or relating to indexable insert milling cutter. Accepted on 2nd December 1969.

A rotatable body having a cutter end face with cutter insert receiving pockets formed in said end face, each pocket having a closed rear wall, a disposable insert having multiple cutting edges snugly fitted into each pocket, each insert having a releasable locking means secured to the rear wall of the pocket.

115848. Midland Silicones Limited. Organopolysiloxane compositions convertible to silicone elastomers. (26th May 1967). Accepted on 2nd December 1969.

- Which comprises (1) a vulcanisable organopolysiloxane having a dispersity ratio, of less than 2.5, and (2) an organic or inorganic particulate filler.
116027. A. R. Sankaralingam. Train anti collision automatic track blocking system. Accepted on 24th November 1969.
- Sets of parallel rigid operating bars arranged to have length wise movement and are admitted through holes cut in separate thick sheet metal means, the operating bars relating to signals being provided with movable gravity cum spring loaded latches.
116139. Sandoz Ltd. Polyesters, their production and their use. Accepted on 29th November 1969.
- Consists in heating one or more aromatic and/or aliphatic dicarboxylic acids with aliphatic and/or cyclic diols in presence of a catalyst consisting of metals, metal alloys or methyl compounds.
116140. The Plessey Company Limited. Improvements in or relating to jointing clips for insulated electric wires. (7th June 1967). Accepted on 29th November 1969.
- Channel of flexible insulating material having inwardly projecting secondary flanges, two walls of the channel being subdivided longitudinally into individual sections while the third wall of the channel ensures the formation of a flexible connection.
116141. The Plessey Company Limited. Improvements in or relating to insulated-channel-type wire-jointing clips. (8th June 1967). Accepted on 29th November 1969.
- A complementary cutting edge co-operating with said cutting edge of the anvil, to trim off the end of a wire resting on said anvil when the side wall is folded down.
116158. Kurehakagaku Kogyo Kabushiki Kaisha. Mercury-process electrolytic cell. (19th April 1968). Accepted on 1st December 1969.
- In which the wall of the cell opposite the wall in the region of, which the alkali metal chloride solution enters the cell is adapted so that the alkali metal chloride solution overflows together with liberated chlorine from the surface of the electrolyte into a passageway outside the electrolytic cell.
116193. Rohm and Haas Company. Vinyl Chloride resin compositions. Accepted on 1st December 1969.
- Comprising a vinyl chloride polymer containing at least 80% by weight of vinyl chloride mers and intimately associated therewith a non-rubbery thermoplastic copolymer containing methyl methacrylate mers and bicyclic methacrylate mers.
116202. Musexport Limited. Pillow. Accepted on 3rd December 1969.
- Wherein the middle portion comprises a straight recess reacting down to the lower surface of the pillow one end of said recess intersecting a longitudinal edge and its other end enclosing an elevation with the opposite longitudinal edge.
116219. The Air Preheater Company, Inc. Recuperative heat exchangers. Accepted on 29th November 1969.
- Characterised in that said corrugations extend at an angle ranging from approximately 5 to 20 degrees with the path of fluid flow at the entrance to said passage way.
116313. Ringfeder G.m.b.H. Friction spring. Accepted on 29th November 1969.
- Wherein the cone angles of the inner rings are smaller than the cone angles of the outer rings.
116337. F. L. Smidth & Co., A/S. Rotary kilns with planetary cooling tubes. (20th June 1967). Accepted on 3rd December 1969.
- In which the outlet openings for material in the cooler tubes lie in the surface of imaginary cylinder concentric with the kiln shell and throughout that part of the rotation of the kiln during which hot material may enter the cooler tube through the inlet at the other end successively come into register with a part cylindrical plate by which the passage of air through them is stopped as reduced.
116392. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (19th June 1967). Accepted on 1st December 1969.
- Producing glass by regulating the temperature of glass so that it is electrically conductive, maintaining a body of molten electrically conductive material against the glass by causing the molten body to cling to a locating member adjacent the glass.
116401. Beloit Corporation. Process for removing soluble material from insoluble substances particularly concentrating fish protein. Accepted on 27th November 1969.
- Removing soluble material from insoluble substances containing the material with a solvent for the material by passing the substance through a series of zones, by introducing the substance into each succeeding zone with a quantity of solvent from the next zone to permit the extraction of the material from the substance by the solvent.
116468. Mark Hurd Aerial Surveys, Inc. Improvements in or relating to doors for access openings and an aircraft incorporating such doors. Accepted on 3rd December 1969.
- Comprising curved panel having a concave side and a convex side, the panel having an aperture, support means secured to concave side and fairing means to the convex side and the fairing means having a horizontal window through which pictures can be taken when camera is mounted on the support means.
116566. The Gatside Mills Company Limited. Improvements in or relating to bobbins. Accepted on 1st December 1969.
- Characterised in tubular necks being secured by adhesive to outer barrel member and channels countersunk in each flange to accommodate flared end of inner barrel and end of outer barrel.
116567. Hindustan Lever Limited. A process for the preparation of β phenyl ethyl alcohol. Accepted on 1st December 1969.
- Comprises reacting styrene with hypohalous acid at pH 4—6, reacting the styrene halohydrin formed with alkali metal hydroxide and hydrogenating the styrene epoxide formed.
116574. Societe Des Procèdes Modernes D'Injection Sopromi. An electromagnetic fuel-injection valve for internal-combustion engines. Accepted on 29th November 1969.
- Comprising a valve housing, a fuel inlet and first and second fuel outlets, a first fluid conduit, a hydraulically movable valve member within the valve housing for controlling the flow of fuel.
116581. Sandoz Ltd. Process for the production of monoazo dyes. Accepted on 28th November 1969.

Consists in diazotizing an amine of formula $X-\overset{\text{N}}{\underset{\text{N}}{\text{C}}}-\text{NH}_2$, where X is an atom chain completing a heterocyclic ring which may be substituted and coupling it with a compound



where Z is the same as X and Y a substituted or divalent organic radical.

116599. The Bendix Corporation. Improvements in or relating to fluidic amplifiers. Accepted on 29th November 1969.

Comprising a casing, a fluid inlet, two fluid outlet, a source of pressurized fluid, fluid diverting means, first and second control fluid passages, first and second orifices, and fluid deflecting walls.

116715. Standard Car Truck Company. Stabilized railroad car truck. Accepted on 2nd December 1969.

Comprising compression and lower tension member vertical columns, a window, a generally flat bolster a clearance between the bolster and the columns, a load supporting springs, pockets, a stabilizing wedgs.

116760. Bombay Rubber Works Private Limited. Improvements in or relating to structural bearings and method of its manufacture. Accepted on 1st December 1969.

Consisting a series interleaved layers of synthetic rubber and a series of metal sheets, each having a series of spaced holes.

116762. Council of Scientific and Industrial Research. A process for the utilization of mammalian intestines for the manufacture of absorbable surgical catgut/suture/ligature "plain and chromic" or the like. Accepted on 3rd December 1969.

Comprises subjecting the intestine of washing and scraping and then to a mild alkali treatment thereafter stock for the chromic cat gut given an enzymatic treatment prior to chrome hardening and there for the plain cat gut in first bleached and then given the enzymetic treatment thus processed ribbons one twisted into cords, dried, cut and sterilized and packed.

116787. Argus Chemical Corporation. Stabilizer compositions for improving resistance of block copolymers having a nonelastic block and an elastic block to degradation in physical properties, block copolymer compositions and process. Accepted on 3rd December 1969.

Consisting of alkylpolyphosphate salt and polyhydric polycyclic phenol with 12-300 C-atoms.

116966. The National Cash Register Company. Record material for producing copies of graphic information. Accepted on 28th November 1969.

Relating to a record material wherein a solution of a colourless colour-reactant carried in micro-capsules is caused to react with a second reactant, usually an absorbent clay or acid reacting polymeric material to form a coloured mark when the capsules are ruptured due to applied writing or typing pressure.

116968. Snam Progetti S.p.A. Process for the production of urea having a low carbamate content. Accepted on 4th December 1969.

Process for the production of urea which comprises reacting gaseous carbon dioxide and gaseous ammonia so as to produce urea contaminated with ammonium carbamate and with excess ammonia, decomposing the carbamate into carbon dioxide and ammonia and recycling the decomposition, the urea is recovered with a small amount of ammonium carbamate.

117048. Imperial Chemical Industries Limited. Plastics containers and packages. Accepted on 29th November 1969.

A layer or layers of material is disposed between film layers and tubing effective as a gasket to seal any capillaries.

117080. Sandoz Ltd. Dyeing and printing process for polyesters. Accepted on 28th November 1969.

5-or 6-methyl-11-or 12-benzoylamtnonaphthoylene benzimidazole is used as the dyestuff.

117123. N. V. Philips' Gloeilampenfabrieken. Improvements in semiconductor integrated circuits. (9th August 1967). Accepted on 1st December 1969.

Comprising a semiconductor body having a transverse thyristor formed by first, second, third and fourth successively arranged regions of alternating conductivity type, two main current carrying electrodes one in ohmic contact with the first region at one major surface and the other in ohmic contact with fourth region.

117124. N. V. Philips' Gloeilampenfabrieken. Improvements in semiconductor integrated circuits. (9th August 1967). Accepted on 4th December 1969.

Comprising a semiconductor body having a transverse thyristor formed by first, second, third and fourth regions of alternating conductivity type, two main current carrying electrodes, one in ohmic contact with the first region and the other in ohmic contact with the fourth region.

117173. Sunitomo Electric Industries, Ltd. Continuous crosslinking device for rubber or plastic cable. Accepted on 1st December 1969.

Comprising a cross linking tube and a coiling device for winding the wire, the tube comprising a radiant heating zone, a cooling zone provided at a portion near to the coiling device and a pre-cooling zone provided at the intermediate portion of the two zones.

117213. Albiswerk Zurich A.-G. Improvements in or relating to bayonet fastener latching mechanisms. (9th May 1968). Accepted on 4th December 1969.

Comprising a fastener body, secured in a rack and co-operating locking cam, spindle of a handle rotatably mounted on a cover plate of an accessory and a roller.

117283. Kaiser Aluminum & Chemical Corporation. Method and apparatus for lubricating a mold. Accepted on 2nd December 1969.

At least one lubricant chamber located in peripheral relationship with the inlet of chilled mold, said mold being provided with a capillary gap extending around the periphery and in communication with said lubricant chamber.

117438. Depl.-Ing. Hellmut Muller. A device for operating on work pieces, for example, by boring, punching, chemically taking off or away the uppermost layers of material. Accepted on 2nd December 1969.

A breaking device allotted to a moving part, said part being braked by a nonmovable part.

117501. Burroughs Corporation. Relief printing member and methods of preparing and composing same. Accepted on 29th November 1969.

Comprising a supporting substrate and a polymerizable coating on the substrate comprising a finely divided polymeric material dispersed in a mixture of monomeric polymerizable material and a plasticizer.

117514. Hindustan Lever Limited. Process for the production of detergent compositions. Accepted on 3rd December 1969.

Comprising forming an aqueous slurry of detergent active compound and sodium tripolyphosphate of which at least 5% is prehydrated.

117515. Hindustan Lever Limited. Process for the production of detergent compositions. Accepted on 3rd December 1969.

Comprising forming an aqueous slurry of the detergent active material and sodium tripolyphosphate at least 5% by weight of which is prehydrated.

117547. Ciba Limited. A hardenable epoxy resin composition and a process for its manufacture. Accepted on 1st December 1969.

Comprising (a) a 1,2-epoxy compound having a 1,2-epoxy equivalency greater than 1, (b) as curing agent, dicyandiamide and (c) as accelerator and amino alkyl glycol monohydrate ester salt.

117813. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. High molecular weight block copolyesters and articles made therefrom. Accepted on 2nd December 1969.

High molecular weight block copolyesters comprising (a) 10 to 98% by weight of polyethylene glycol terephthalate and (b) 90 to 2% by weight of poly-1, 4-dimethylolcyclohexane terephthalate, relative to the total amount of block copolyester.

117819. C. Anstalt. Machine for the manufacturing, the dosed filling and the thermowelding of bags of plastic material. Accepted on 2nd December 1969.

Characterized in that the machine comprises two endless conveying means rotating in opposition which seize and keep stretched in their common central linear section.

117883. Norton Company. Grinding wheels and manufacture thereof. Accepted on 29th November 1969.

Characterises in containing from 10 to 25% by weight of finely divided silver in the resin matrix in the form of conducting paths.

117901. Imperial Chemical Industries Limited. Crystallisation process. (16th October 1967). Accepted on 3rd December 1969.

Comprising forming a dispersion of fine bubble of gas or liquid through the bulk of the liquid material and maintaining it at a temperature below the crystallizing point of the liquid material but at which the supercooled liquid is still liquid.

117928. B. B. Paul. A process for distilling alcohol. Accepted on 3rd December 1969.

A distillation unit for distilling rectified spirit comprising (a) an analyser column fitted with 19 Nos. plates having tunnel cups (b) a rectifier column having 42 Nos. of plates with tunnel cups, (c) a thermo compressor and (d) a plate type heat exchanger.

118028. United States Steel Corporation. Cement clinkers and method of making same. Accepted on 2nd December 1969.

A raw mix for making calcium aluminate or silicate is preheated to a temperature below which complete decarbonation takes place, then feeding it at a temperature near said temperature into a heating chamber.

118032. Anchor Pressings Private Limited. Improvements in or relating to locking mechanism for automobiles. Accepted on 3rd December 1969.

Characterised in that the locking mechanism carries a steel shackle adapted to secure the clutch pedal and is secured on the said steel rope between any one set of the said collared bushes and is prevented from slipping.

118084. Melle-Bezons S. A. Improvement to high boiling ester purification processes. Accepted on 3rd December 1969.

Comprising heating the alkyl hydrogen sulphate with water prior to neutralization and water washing.

118328. Mitsubishi Jukogyo Kabushiki Kaisha Spirally wound multiple layer steel strip pipe for pressure vessel. Accepted on 29th November 1969.

A plurality of laminated thin steel strips of different length wherein one end is stepped formation and the other non stepped ends secured to hoop ends, thus forming wedges for the spiral formation.

118342. Kaiser Aluminum & Chemical Corporation. Device for cooling mill rolls. Accepted on 3rd December 1969.

Elongated plate shaped to conform to the curvature of the mill roll, means for spacing it adjacent mill roll, plurality of liquid coolant carrying passage ways in said curved plate.

118379. Combustion Engineering, Inc. Flow divider for pneumatically conveyed stringy material. Accepted on 3rd December 1969.

A cylindrical chamber, an inlet perpendicular and eccentric to the axis of cylinder, and outlet ducts connected to opposite sides so as to dissipate the rotating motion imparted in the cylindrical chamber.

118403. Rodio Foundation Engineering Ltd., and Hazarat & Co., Construction of concrete diaphragm walls. Accepted on 27th November 1969.

Comprises in making a trench, filling it with bentonite slurry, introducing a precast element into the trench, placing a second precast element on the first when the top of the first one is at or near ground level, with mortar or more to in between and so on.

118578. W. X. Halloran. Convertible hip pin. Accepted on 3rd December 1969.

Characterized in that a nail portion having a central bore adapted for receiving a compression device whereby the pin forms part of an assembly operative to anchor the femur to the pelvis bone in compression.

118636. Scottish Agricultural Industries Limited. Manufacture of ammonium sulphate. Accepted on 3rd December 1969.

Comprising adding to a recycling bed of solid ammonium sulphate an aqueous solution of slurry of ammonium sulphate of water content in the range 13% to 48% by weight and ammonia and sulphuric acid in such proportions and at such rates that substantially ammonium sulphate is formed.

118642. Ciba Limited. Pigment preparations. Accepted on 3rd December 1969.

Comprising a pigment an optical brightener and a salt of a saturated or unsaturated aliphatic carboxylic acid of 6 to 30 carbon atoms and a metal of group 2 or 3 of the periodic table.

118664. Farbenfabriken Bayer Aktiengesellschaft. 3-imino-1, 2-benzisothiazolines and production thereof. Accepted on 3rd December 1969.

Process for producing 3-amino-1, 2-benzisothiazolines which comprises heating N-substituted 3-amino, 1, 2-benzisothiazole to about 50—190°C and preferably 50—80°C and recovering the iminobenzisothiazolines derivatives from the reaction mixture by chemical or physical method.

118749. The F & M Schaefer Brewing Co., and Washine Chemical Corporation. Method for preserving dilute sugar solutions. Accepted on 28th November 1969.

The solution is admixed with n-heptyl-p-hydroxy benzoate.

118876. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Level dyeing of acrylonitrile polymers. Accepted on 2nd December 1969.

The liquor is heated to a dyeing temperature and dyeing is carried out at this temperature at a definite liquor exhaustion rate.

118921. Imperial Chemical Industries Limited. Electrodes for electro-chemical processes. (11th January 1968). Accepted on 1st December 1969.

Comprising a support material in the form of a valve metal carrying on at least a part of its surface a layer of an operative electrode material in combination with an acid resistant glaze.

119269. Gestener Limited. A device for cleaning a printing cylinder surface. (5th January 1968). Accepted on 28th November 1969.

Comprises means for selectively applying ink solvent to the cylinder, solvent absorbent means and a selectively operable solvent wiping means.

119420. F. L. Smidth & Co., A/S. Methods of and apparatus for grinding mineral material. Accepted on 4th December 1969.

Dry grinding granular material in a tube mill having one or more grinding compartments containing grinding bodies wherein the feed to the mill and the discharge from the first or sole grinding compartment are so controlled that part of the ground product is prevented from leaving it.

119490. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres (25th January 1968). Accepted on 4th December 1969.

Comprising a carcass, an elastomeric tread and a reinforcement wholly embedded in the shoulder of the tread itself additional to that, if any, provided in the remainder of the tread.

119906. Palitex Project-Company G.m.b.H. Drag flyer of multiple twist doubling spindles. Accepted on 28th November 1969.

Beneath the drag flyer and engaging around the hollow spindle shaft, there is a partially liquid-filled annular housing accommodating a rotatable impeller.

119992. Vanton Pumps (India) Private Limited. Improvements in or relating to filters. Accepted on 28th November 1969.

Characterised by a detachable housing a detachable cover, a detachable filter element consisting of a porous core peripherally surrounded by a porous body.

120055. Sekai Kirisutokyo Toitsu Shinrei Kyokai. Air gun. Accepted on 29th November 1969.

A barrel, a frame supporting said barrel, a housing for containing a source of pressure, a rotary magazine with many chambers, means to removably mount said magazine in said frame means including a normally closed valve, trigger means including a hammer and magazine indexing means.

120138. Imperial Chemical Industries Limited. New reactive dyestuffs. (7th March 1968). Accepted on 3rd December 1969.

Reacting cyanuric chloride in either order with an azodye and diamlnodiphenylethane disulphonic acid.

- 120459 Edward Weck & Company Inc. Improved surgical instrument and method of manufacture. Accepted on 1st December 1969.

A first member formed with an open slot having confronting faces, a second member having a constricted area of substantially the same cross-section, a substantially cylindrical pivot pin fixed to said first member and an annular self-lubricating plastic bearing sleeve concentrically surrounding said pin.

120911. Unilever Limited. Method of and apparatus for applying shrinkwrap sleeves about articles. Accepted on 28th November 1969.

The articles during welding and separation of the sleeves being supported above the surface of the conveyor to provide a spacing between the lower edge of the article and the surface of the conveyor for accommodating a marginal portion of each film for subsequent shrinking over the lower edges of the supported articles.

121548. Massey-Ferguson Inc. Universal weight transfer hitch. Accepted on 29th November 1969.

A frame member adapted to be mounted on the rear of the tractor, a swinging boom assembly including a pair of longitudinal elements pivotally connected together at one end and each pivotally connected at its other end to said frame, one of said elements including an extensible and retractable load transfer means, and weight transfer means and means for maintaining the load carried by said load transfer means.

123320. Midland Silicones Limited. Process for preparing a pelletised silicone rubber forming composition. Divisional date 17th May 1968). Accepted on 4th December 1969.

Comprising forming a sheet of a silicone rubber forming composition comprising a mixture of a vulcanisable diorganopolysiloxane and one or more fillers, moving the said sheet into contact with a first cutting member, moving the strips into contact with a second cutting member, adapted to cut the said strips transversely, both the cutting operations taking place in an atmosphere of a dusting agent.

Opposition Proceedings

(1)

The opposition entered by Janak Raj to the grant of a patent on application No. 91111, made by P. C. Jain & others, as notified in Part III, Section 2 of the Gazette of India, dated the 16th October 1965, has been dismissed.

(2)

The opposition entered by Janak Raj to the grant of a patent on application No. 91112, made by P. C. Jain & others, as notified in Part III, Section 2 of the Gazette of India, dated the 16th October 1965, has been dismissed.

(3)

The opposition entered by Janak Raj to the grant of a patent on application No. 92709, made by Prakash Chand Jain and others, as notified in Part III, Section 2 of the Gazette of India, dated the 9th July 1966, has been dismissed.

(4)

Opposition entered by Raman Shunmugam Pillai to the grant of a patent on application No. 99861 made by Basavraj Chanabasayya Hiremath as notified in Part III, Section 2 of the Gazette of India dated 7th June, 1969 has been treated as withdrawn.

(5)

The opposition entered by Janak Raj to the grant of a patent on application No. 100491, made by Prakash Chand Jain & others, as notified in Part III, Section 2 of the Gazette of India, dated the 2nd July 1966, has been dismissed.

Patents Sealed

97498.	99851.	102068.	103318.	103425.	104103.	104338.
104340.	105755	106479.	106492.	107595.	108872.	108204.
108848.	108854.	108856	109028.	109039.	109913.	109915.
109919.	109975.	110182.	110275.	110276.	110399.	110440.
110441.	110485.	110486.	110488.	110527.	110539.	110570.
110595.	110617.	110618.	110619.	110667.	110728.	110729.
110733.	110739.	110747.	110752.	110869.	110937.	111055.
111090.	111169.	111264.	111446.	111461.	111484.	111528.
111575.	111586.	111612.	111617.	111622.	111673.	111720.
111732.	111781.	111786.	111795.	111857.	111876.	111904.
111916.	111919.	111947.	111982.	111984.	112013.	112048.
112109.	112207.	112241.	11281.	112350.	112496.	112685.
112856.	112877.	112881.	112982.	112985.	112986.	113137.

113223, 113309, 113341, 113342, 113413, 113481, 113483,
113587, 113668, 113843, 113845, 113987, 114049, 114051,
114100, 114103, 114105, 114142, 114196, 114407, 114467,
114469, 114568, 114571, 114662, 114710, 114778, 114826,
114883, 115014, 115024, 115054, 115095, 115114, 115118,
115128, 115423, 115452, 115490, 115513, 115656, 115662,
115673, 115692, 115851, 116248, 116556, 116575, 116598,
116693, 116718, 116752, 116783, 117171, 117191, 117255,
117355, 118140, 118888.

Registration of Assignments, Licences, Etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

84102	}	M/s. British Hovercraft Corporation, Limited.
85139		
90274		
93127		
92750		
93896		
94817		
95615		
98397		
103862		
58912	}	M/s Laboratories Labaz.
62575		
53640	}	M/s. The English Electric Company Limited.
53657		
61073		
99628		M/s. Ashland Oil & Refining Com- pany.
88200		M/s. St. Regis Paper Company.
90348		M/s Durkoppwerke Gesellschaft Mit Beschränkter Haftung.
95017		M/s. Polylok Corporation.
90015		M/s. I.C.D. Corporation.
102933		M/s. International Standard Electric Corporation.

Renewal Fees Paid

52580, 53242, 53243, 53438, 53476, 53567, 53777, 53951,
55967, 56022, 56023, 56064, 56183, 56317, 56410, 56433,
56452, 56598, 56805, 59026, 59060, 59142, 59145, 59147,
59148, 59152, 59199, 59203, 59233, 59270, 59305, 59411,
59420, 59435, 59469, 59526, 59634, 59636, 59657, 60482,
61927, 62215, 62349, 62455, 62517, 62596, 62645, 62692,
62760, 62780, 62815, 62816, 62817, 62819, 62959, 62960,
62996, 63085, 63180, 63189, 63319, 63625, 65461, 65983,
65987, 66001, 66232, 66339, 66402, 66428, 66536, 66551,
66655, 67032, 69028, 69702, 69847, 69883, 69916, 69931,
69952, 69980, 70050, 70053, 70054, 70055, 70056, 70057,
70064, 70141, 70209, 70386, 70709, 70798, 70972, 71087,
72948, 74146, 74226, 74292, 74342, 74382, 74389, 74424,
74426, 74427, 74428, 74429, 74432, 74435, 74452, 74497,
74512, 74524, 74550, 75614, 74657, 74716, 74725, 74726,
74892, 74902, 74912, 74927, 74953, 75066, 75092, 75312,
75549, 75805, 75939, 77131, 79570, 79639, 79646, 79723,
79727, 79755, 79753, 79769, 79879, 79890, 79912, 79956,
79968, 79969, 80000, 80010, 80023, 80190, 80213, 80388,
80815, 80911, 81105, 84567, 85425, 85478, 85504, 85524,
85595, 85623, 85657, 85693, 86710, 85724, 85748, 85751,
85796, 85845, 85905, 85962, 85971, 86014, 86051, 86138,
86149, 86152, 86158, 86166, 86167, 86207, 86217, 86228,
86229, 86267, 86285, 86437, 86442, 86610, 86765, 86773,
86830, 87036, 87294, 87348, 87428, 87658, 88062, 90028,
90738, 91047, 91052, 91065, 91145, 91159, 91192, 91193,
91198, 91200, 91224, 91229, 91230, 91251, 91273, 91277,
91289, 91290, 91295, 91301, 91322, 91327, 91329, 91376,
91377, 91379, 91408, 91417, 91526, 91542, 91594, 91624,

91639, 91660, 91672, 91691, 91705, 91706, 91707, 91738,
91796, 91798, 91894, 91911, 91918, 91932, 91934, 91946,
91993, 92044, 92239, 92240, 92450, 92462, 92499, 92530,
93088, 93743, 94862, 95256, 95263, 95339, 95557, 96294,
96785, 96828, 96836, 96837, 96905, 96923, 96935, 96961,
96978, 97000, 97034, 97035, 97036, 97087, 97111, 97113,
97119, 97157, 97165, 97166, 97180, 97187, 97258, 97323,
97326, 97360, 97374, 97407, 97439, 97505, 97567, 97571,
97614, 97662, 97675, 97763, 97822, 97955, 98430, 98560,
99826, 101612, 101768, 102727, 102811, 102834, 102839,
102851, 102861, 102913, 102965, 102977, 103003, 103005,
103021, 103032, 103044, 103102, 103148, 103163, 103170,
103217, 103225, 103236, 103285, 103288, 103289, 103314,
103373, 103388, 103477, 103532, 103534, 103658, 103659,
103758, 103789, 103816, 104069, 104197, 104844, 105080,
105084, 105472, 106141, 106715, 106986, 107076, 108320,
108785, 108786, 108823, 111588.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent

No. 94788—Jai Narain Singh.

The patent ceased on the 21st July 1968, owing to non-payment or renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 7th June 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 31st January 1970.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent

No. 99981—Jostein Hatten.

The patent ceased on the 9th June 1969 owing to non-payment or renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 6th December 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th February 1970.

(3)

An order has been made on the 18th November 1969, restoring the patent No. 75053 dated as of the 25th January 1961, granted to L. & C. Steinmuller G.m.b.H. for "oil burner".

(4)

An order has been made on the 29th September 1969, restoring the patent No. 74615 dated as of the 21st December 1960, granted to Dwarkadas Purshotum Asar for "method of manufacturing table tennis bats".

(5)

An order has been made on the 15th November 1969, restoring the patent No. 93967 dated as of the 29th May 1964, granted to Mohanlal Chakubhai for "improvements in or relating to double action, toggle type, cam operated deep drawing power press".

(6)

An order has been made on the 15th November 1969, restoring the patent No. 94544 dated as of the 4th July 1964, granted to Impex Industries for "improvements in or relating to adjustable sliding stays for windows, sashes and the like".

(7)

An order has been made on the 7th July 1969, restoring the patent No. 96367 dated as of the 15th November 1963, granted to Magnesium Elektron Limited for "magnesium base alloys".

Registration of Designs

The following designs have been registered. They are not open of inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act

Class 13. Nos. 136586 to 136594. Shree Ram Mills Ltd., Ferguson Road, Lower Parel, Bombay 13, B.C. Maharashtra, Nationality—Indian Company, "Textile goods", October 9, 1969.

Registration of Assignments, Licences, etc. (Designs)

Assignments licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

109146—M/s. Rolls—Royce Limited.
129252—M/s. Centa Instruments Private Limited.

Name Index for applicants for Patents for the month of November, 1969 (Nos. 123830 to 124241)**Name & Application No.****A**

Aggarwal, K. K.—123861.
Ahmad, S.—124167, 124168, 124169, 124170.
Ahmedabad Manufacturing and Calico Printing Co. Ltd., The—123871.
Ajkai Timfoldgyar Es Aluminiumkoho.—124038.
Aktiebolaget Astra.—123975.
Aktiebolaget Karlstads Mekaniska Werkstad.—124074.
Aktiebolaget Svenska Kullagerfabriken.—123967.
Alasinger, M.—123947.
Allied Chemical Corp.—123857, 123905.
Allmanna Svenska Elektriska Aktiebolaget.—123858.
Alutery Aluminiumipari Tervezo Vallalat.—124038.
Amchem Products, Inc.—124086.
American Home Products Corp.—123864, 123929.
American Sugar Co.—124037.
Asahi Kasei Kogyo Kabushiki Kaisha.—124225.
Asar, J.P.—123934.
Associated Engineering Ltd.—124055.
A/S Raufoss Ammunisjonsfabrikker.—123852.
Atlas Distributors and Consultants.—123846.
Awebro, F. H.—123863.

B

Babcock & Wilcox Co. The—123839.
Baburao, D. J.—124145.
Badische Anilin- & Soda-Fabrik Aktiengesellschaft.—123956.
Bagri, J. D.—123896.
Balm Paints Ltd.—124149.
Bata Shoe Company Pvt. Ltd.—124008.
Battelle Development Corp. The—123976.
Bau-Stahlgewebe G.M.B.H.—124148.
Beecham Group Ltd.—124063, 124209.
Bendix Corp. The—123973.
B. F. Goodrich Co. The—124128.
Bhaduri, A. S.—123979.
Bhagat, S. I.—124131.
Bhandary, B. R.—123918.
Bhasin, J. M.—124104.
Bist, D. S.—123944.
Borgs Fabriks Aktiebolag.—124237, 123238.
Bose, J. L.—124126.
Bremner, R. M.—124002.
British Insulated Callender's Cables Ltd.—124218.
British Iron and Steel Research Association, The—124087.

Name & Application No.

British Petroleum Company Ltd. The—124208.
British Railways Board—123954, 123955, 124157, 124158.
British Steel Corp.—123966.
Brown Boveri & Co. Ltd.—123893.
C
Century Spg. & Mfg. Co. Ltd. The—124121.
Chandra, P.—124106.
Chas. Pfizer & Co. Inc.—124039.
Chemical Construction Corp.—124089.
Chinoin Gyogyszeregyeszet Termek Gyara Rt.—123978.
Ciba Ltd.—123851, 123915, 123916, 123953, 123963, 123964, 123965, 123987, 124060, 124062, 124118, 124165, 124194, 124206, 124211.
Cigarette Components Ltd.—123985.
Combustion Engineering, Inc.—123849, 124090.
Continental Oil Co.—123872.
Council of Scientific and Industrial Research—123837, 123838, 123843, 123844, 123845, 123998, 123999, 124000, 124082, 124214, 124215.

D

Danfoss A/S.—123936, 123937, 123938, 124017.
Dash Fasteners (Private) Ltd.—123939, 123940, 123941, 123942, 123943.
D'Costa, B.—123901.
Decca Ltd.—124132.
De Vlieg Machine Co.—123950.
Dey, G. R.—123979.
Dichter, H. J.—123894.
Director, Indian Grassland & Fodder Research Institute, Jhansi—124068.
Dunlop India Ltd.—124022.
Dunlop Company Ltd. The—124109.

E

Eaton Axles Ltd.—124180.
Edwin, D. J.—124031.
E. I. du Pont de Nemours and Co.—123870, 123993, 124028, 124146, 124203.
Elektrodenfabrik Oerlikon Buhrle AG.—123841.
E. Merck Aktiengesellschaft.—123927, 124147.
Emhart Corp.—123834, 123835, 124162.
Ernst Jacobi & Co. KG.—124187, 124188.

F

Fairchild Camera & Instrument Corp.—124093.
Farbenfabriken Bayer Aktiengesellschaft.—123842, 123931, 124004, 124053, 124058, 124111.
Farbwerke Hoechst Aktiengesellschaft vormals Meister Luchs & Bruning—123892, 123994, 123995, 124066, 124067, 124113, 124166.
F. Hoffmann-La Roche & Co. Aktiengesellschaft—123959, 123960, 123961, 124012, 124096, 124097, 124156, 124164, 124207.
Fertiplant Engineering Co. Pvt. Ltd.—124014.
Fielding A. W.—124050.
Finu Aspaas—124160.
Fisons Ltd.—124124.
Frew, J. M.—124002.

G

Ganguli, S.—123830.
G. C. Societa In Accomandita Semplice Di Enzo Seragnoli E Arnosto Seragnoli—124202.
General Electric Co.—124043, 124141, 124142.
Genset Corp.—124051.
Gerin M.—124112, 124120.
Gestelner Ltd.—124176, 124177.
Ghosh, P. N.—123900.
Girling Ltd.—123887.
Goodyear Tire & Rubber Co. The—124110.

Name & Application No.

Gosudaistvenny Institut Po Proektirovaniyu Metiznykh Zavodov.—124045.
 Gupta, J. N.—124013.
 Gupta, O. P.—123861.
 Guruswamy, S.—124064.

H

Harris Calorific Co. The.—123972.
 Hayashibara Co.—124192, 124193.
 Hazra, S. S.—123910.
 Henkel & Cie. G.m.b.H.—124161.
 Henikssen, S. T.—124098.
 Hindustan Klockner Switchgear Ltd.—123876, 123877.
 Huttenwerk Oberhausen AG.—123920.
 Hurink, J.—124108.

I

Imperial Chemical Industries Ltd.—123854, 123859, 123902, 124005, 124070, 124071, 124072, 124073, 124123, 124219, 124221.
 Indian Oxygen Ltd.—124133.
 Infrarodteknik A. B.—123913.
 Institut Avtomatiki Ministerstva Priborostroenia, Sredstva Avtomatizatsii i Sistem Upravleniya, USSR.—123919.
 Institut Avtomatiki i Telemekhaniki (Tekhnicheskoi Kibernetiki).—124009, 124046.
 Institut Elektrovarki Imeni E.O. Patona.—123926.
 Instituto Biochimico Italiano di Loredana Lorenzini S.A.S.—123874.

J

Jg Glass Industries Pvt. Ltd.—124077.
 Joseph Lucas (Industries) Ltd.—123865, 123866, 123867, 123881, 123882, 123883, 123903, 123904, 124041, 124042, 124056, 124059, 124224.
 Joshi, A. N.—124105.
 Joshi, M. A.—123876, 123877.
 J. R. Geigy A. G.—123906, 124174, 124175, 124217.

K

Kalsi, V. S.—124069.
 Kanegafuchi Boseki Kabu hiki Kaisha—124154.
 Kantor International S.A.—124236.
 Kapur, R.—123862.
 Kirloskar Brothers Ltd.—123878.
 Kirloskar Oil Engines Ltd.—123878.
 Knapsack Aktiengesellschaft—123917.
 Knori-Bremse G.M.B.H.—124204.
 Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V.—123933.

L

Lansing Bagnall Ltd.—124075, 124134.
 Lars Erik Landeborg—124098.
 Leikola, E. E.—124216.
 Leningradsky Metallichesky Zavod Imeni XXII Siezda Kps.—123951.
 Lerner, I. S.—123928.
 L. Givaudan & Cie Societe Anonyme.—123832.
 L. R. Industries Ltd.—124018, 124019.
 Lubrizol Corp. The.—124182, 124183, 124184, 124185, 124186.

M

Makki, F.—124016.
 Malleable Tube Products of India.—124144.
 Mangalam, M.—123945.
 Manufacture Quenot "Mabo"—124220.
 Marine Space Enclosures, Inc.—124200.
 Marshall's Tea Machinery Company Ltd.—124153.
 Maschinenfabrik Rieter A. G.—124229, 124232.
 Master Packaging Service, Messrs—123923.
 Matsushita Electronics Corp.—124026.

Name & Application No.

Mefina S. A.—124085.
 Merck & Co. Inc.—123968, 124010, 124011, 124155.
 Metal Box Company Ltd. The.—123833.
 Metallgesellschaft, A. G.—123952.
 Miles Laboratories, Inc.—123885.
 Mobil Oil Corp.—123983.
 Molins Machine Co. Ltd.—123957, 123977.
 Montecatini Edison S.p.A.—124115, 124139.
 Moutka, R. L.—124098.
 Multi-Minerals Ltd.—124007.

N

Narayan, K.—124212.
 National Distillers and Chemical Corp.—124233.
 National Research Development Corp.—123886.
 Nippon Kohan Kabushiki Kaisha.—123958, 124049, 124091, 124092, 124099, 124210, 124241.
 Nitrochill Ltd.—123831.
 Norbro Engineering Ltd.—124024.
 Norton Co.—124088.
 N. V. Philips Gloeilampenfabrieken.—123836, 123911, 123912, 123969, 123970, 123971, 124065, 124078, 124079, 124101, 124102, 124195, 124196, 124227.

O

Oltremare Industria Prodotti Alimentari E Derivati S.p.A.—124137.
 Opytno-Konstruktorskoe bjuro Vsesojuznogo Nauchno-Issledovatel'skogo Instituta Kriogennoogo Mashinostroenia.—124027.
 Osakeyhtio, A. A.—124205.
 Österreichische Stickstoffwerke Aktiengesellschaft.—124006.
 Overseer. N. R.—124116.

P

Padgilwar S. N. (Smt.)—124015.
 Palitex Project-Company G.m.b.H.—124159.
 Pande, B. P.—124231.
 Pardasani, R. R.—123946, 124034, 124035.
 Patel, A. C.—123921.
 Patel, K. A.—124230.
 Patel, R. P.—124127.
 Pfizer Corp.—124020.
 Philips India Ltd.—123914.
 Phillips Petroleum Co.—124140.
 Pilkington Brothers Ltd.—124061.
 Prephar Prospection De Recherches Pharmaceutiques S. A.—123873.
 Prerovske Strojirny, Narodni Podnik—124095.
 Produits Chimiques Pechiney-Saint-Gobain—124181.

R

Rajagopal, V.—124076.
 Ramanen, G. V. (Doctor)—124125.
 Ramanujam, T. V. (B.Sc.)—123924.
 Ramchandani, N. M.—123922.
 Ram, V.—123861.
 Ranganathan, V.—124197.
 Ranzan, M.—124167, 124168, 124169, 124170.
 Rao, C. I. S.—124033.
 Rapaport—124119.
 Reinhall, R. B.—124235.
 Rheintahl Huttenwerke Aktiengesellschaft.—124163.
 Phone-Poulenc S. A.—124054, 124150, 124178.
 Richter Gedeon Vegyeszeti Gyar R. T.—124081.
 Rikabchand. G.—124130.
 Rinko Irrigation Systems Inc.—124003.
 Rohm and Haas Co.—124029, 124030, 124189, 124190.
 Rotopark S. A.—123990, 123991, 123992.
 Roussel-Uclaf—124080.

Name & Application No.

Ruhrchemie Aktiengesellschaft.—123856.
Ruti Machinery Works Ltd.—123925, 123980, 123981, 124173.

S

Sandoz Ltd.—123962, 123986, 124047, 124136.
Sanghani, S. K. (Dr.)—123897.
Sastry, C. (Dr.)—123879.
Schantung (India) Private Ltd.—124032.
Scherico Ltd.—124117.
Sen, S. K.—124103.
Shah, H. V.—124036.
Shah, P. V.—124036.
Shah, S. V.—124036.
Shivade, S. G.—(Mr.)—123879.
Shivaramakrishnan, T. M.—124001.
Shri Ram Institute for Industrial Research—123860.
Singer Co., The.—124135.
Singh, P.—123895.
Sinha, L. T. P.—123898.
Sintef.—124198.
Sissons Brothers and Co. Ltd.—123984.
Smith Kline & French Laboratories Ltd.—124052.
Societe Grenobloise D'Etudes Et D' Applications Hydrauliques (Sogreah)—124040.
Soderec—124021.
Solvay et Cie.—123974, 123868.
Sort Rite Sales Corp.—123996, 123997.
Sperry Rand Corp.—123855.
Sphere Investments Ltd.—123908.
Stamcarbon N. V.—123880, 124057.
Standard Telephones and Cables Ltd.—123890, 123891.
Ste Ame Tubest—124239.
Sumitomo Chemical Co. Ltd.—123850, 124044.
Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A.—124154.

T

Taj, M. A.—124167, 124168, 124169, 124170.
Tecumseh Products Co.—124234.
Tefal S. A.—124222.
Teijin Ltd.—124191.
Telesco Brophey Ltd.—124023.
Telestrator Industries, Inc.—124122.
Tenco Brooke Bond Ltd.—124240.
Texas Instruments Inc.—123932, 124084.
Thaper, J. K.—124213.
Thevar, V. M.—124143.

Name & Application No.

Thorium Ltd.—123988, 123989.
Thorn Lighting Ltd.—124228.
Tor-Isteg Steel Corp.—124114.
Tractel Tirfor India Private Ltd.—124171.
Traub Vertriebsgesellschaft MBH.—124226.
Tube Products Ltd.—124179.

U

U C B (Union Chimique—Chemische Bedrijven).—124181.
Unibilt Private Ltd.—123982.
Union Carbide Corp.—123930, 124100.
Uniroyal, Inc.—123884, 123907.
United Engineering and Foundry Co.—123948, 124025.
United States Atomic Energy Commission—124199.
Universal Oil Products Co.—123909.
Universal Propulsion Co.—124107.
Uss Engineers and Consultants, Inc.—123840, 124083, 124151.

V

Varadarajan, K.—124048.
Varghese, W.—123948.
Varunny, K. U.—123935.
Veb Filmfabrik Wolfen—123875.
Vereinigte Österreichische Eisenerz und Stahlwerke Aktiengesellschaft.—123869.
Vinayak, M. A.—124172.
Vsesojuzny Elektrotekhnicheskyy Institut Imeni V.I. Lenina.—123889.
Vsesojuzny Nauchno-Issledovatel'sky I Proektiro-Konstruktor'sky Institut Metallurgicheskogo Mashinostroyeniya.—124094.

W

Warner-Lambert Pharmaceutical Co.—124152.
Wartenberg, E. W.—124138.
Wellman Bibby Co. Ltd. The.—124223.
Wellman, Inc.—124201.
Wellman Incandescent Furnace Co. Ltd.—123853.
Westfälische Berggewerkschaftskasse.—123888.
Westinghouse Electric Corp.—123847, 123848, 123899.

X

Xavier, K. K.—124129.

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Designs & Trade Marks.*